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Rubik's cube instructions easy

How do you solve a rubik's cube step by step easy. Rubik's cube instructions step by step. How do you do the rubik's cube step by step. Lego rubik's cube instructions easy. How to solve a rubik's cube step by step easy instructions. Cube instructions. Rubik's cube instruction.

The correct spelling is Rubik's Cube, but some people also call it Magic Cube, Rubic, Rubix, or Rubics. Below you'll find a full video tutorial on how to solve this popular puzzle. Download the printable PDF guide here: Rubik's cube Beginners Guide. **Step 1 - Complete the First Layer Cross** - Place WHITE in the middle at top. - Put GREEN piece facing towards you. - Find GREEN/WHITE edge and turn it according to the below image, keeping WHITE on top and GREEN in front. Choose an option from below that matches your situation: [Options and Steps] - Keep WHITE on top and turn the cube so a different color is facing towards you. Follow these steps again for each of the other two faces until you complete the white cross. This step might need some practice, but it's quite intuitive. Just move the white edges into their correct spots without messing up those that are already fixed. **Step 2 - Complete the First Layer Corners** - Keep WHITE on top and put GREEN in front. - Find the corner with GREEN/WHITE/RED (3 colors) and place it according to the below images, making sure not to disturb the white cross: [Steps] Possible Problem: The corner you're looking for is in the top layer but in the wrong position. Turn the cube so that this corner moves to the front right top corner, then move it to the bottom layer by following these steps and try again from above. Solution: Follow these [steps], then choose again from above to put the corner into place. - Keeping WHITE on top, turn the cube so a different color face is towards you. Follow these instructions again for each of the other two faces until the white layer is complete. **Step 3 - Complete the Second Layer** - Keep WHITE on top and find the GREEN/RED edge piece. - If it's in the bottom layer, turn that layer to match with the center color (see figure below). If not, go to Step C: [Steps] Possible Problem: The edge you want to move is in the second layer but in the wrong position or turned around. Solution: Turn the cube so that this piece moves into the front layer, then do either solution above to place it in the bottom row. Go back to Step 3 and continue with steps A/B. Continue with [Steps A/B] with your situation, following the arrows for each step until you complete the second layer. To solve the third layer, follow these steps: COMPLETE THE THIRD LAYER CROSS Turn the cube over to face you. You'll find either 0, 2, or 4 pieces of the cross facing upward. Ignore the corners for now and focus on getting the yellow cross. Perform the algorithm below until you get the yellow cross. Make sure your cube is orientated correctly in the image provided. Repeat this process till you achieve the yellow cross. Once you have the yellow cross, use the algorithm to match the center colors. Ensure that the correct edge pieces are at the back and right face. The goal is to put the edge pieces in the correct position. Possible Problem: Two pieces may be in the correct position but opposite each other. Solution: Perform the steps above once and then turn the cube as shown, repeating the steps again to solve the issue. COMPLETE THE THIRD LAYER CORNERS Repeat the sequence until all corners are in their correct positions. If one corner is not in place, perform the steps with any side facing you (YELLOW at the top). The next steps will orientate the corners correctly and ultimately solve the cube. Print Friendly PDF - Rubik's Cube Beginners Guide Mobile Site Get familiar with your cube by playing and solving the white face without reading this tutorial. Learn to mark rotations of faces using letters for algorithms. Divide the Rubik's Cube into 7 layers, solving each group while preserving solved pieces. Notice that center pieces always stay in the same position, determining each face's color. The cube consists of corner and edge pieces with stickers. There are countless possible configurations (over 43 quintillion), making it impossible to solve by random face rotations. Practice moves, memorize algorithms until you can solve without help. We'll divide the cube into layers, using algorithms in each step that don't break solved parts. Play the play button to animate the rotation when the piece is in position but oriented incorrectly. Use this short sequence for the white edge: U' R U, U'. If you can't simply turn the front edge, try U' F' U R U. For another easy stage where instincts are sufficient without memorizing algorithms, focus on the middle layer with the white corner oriented wrong. To solve it, use the simple trick of bringing the piece to its position and repeating the sequence: R' D' R D. This algorithm moves the piece between spots, changing orientation. An animation example shows the white corner moving back and forth, changing orientation until the sixth step. However, this method is inefficient, so consider these shortcuts: At this stage, your cube should have a solid white face: U' L' U L U F U' F' U R U' R' U' F' U F. If there's no edge to insert into the middle layer, execute the algorithm twice to remove it. When the edge is in place but turned wrong: At this stage, your cube should have a solved middle layer and an intact white face at the bottom. When all top edges are oriented incorrectly and there are no yellow stickers around the center, apply the formula three times. Reorient your cube after the first stage to counteract the "L"-shape being upside down: The "L"-shape is two algorithms away from the target. Place the yellow edges on left and back positions as shown (there's an alternative shortcut that jumps directly to the cross). To progress to the next level, locate the highlighted Front-Right-Up spot with a misaligned yellow corner and hold the cube in that position. Repeat the R' D' R D algorithm until this piece is correctly oriented with the yellow sticker facing upwards. Move one wrong yellow corner to the marked spot, turn only the Up face, and repeat the process until it's correct. Continue this method for each misaligned yellow corner, working through the pieces systematically. Although the puzzle may appear jumbled during these moves, everything will come together when all the yellow corners are correctly oriented.